

LRRK2

Expressed:

GST-C-Term His LRRK-1326-end wt

Plasmid:

pFastbac GST -C-Term-His LRRK2-1326-end wt

Parent Plasmid:

pFastbac GST

DU Number:

DU13356

Genbank:

AAI17181

Species:

Human

Synonyms:

Sequence of Insert:

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GGATCCTTAAAAAAGGCTGTGCCTTATAACCGAATGAACTTATGATTGTGGGAAATACTGGGA
GTGGTAAAACCACCTTATTGCAGCAATTAATGAAAACCAAGAAATCAGATCTTGGAATGCAAAG
TGCCACAGTTGGCATAGATGTGAAAGACTGGCCTATCCAAATAAGAGACAAAAGAAAGAGAGA
TCTCGTCCTAAATGTGTGGGATTTTGCAGGTCGTGAGGAATTCTATAGTACTCATCCCCATTTTAT
GACGCAGCGAGCATTGTACCTTGCTGTCTATGACCTCAGCAAGGGACAGGCTGAAGTTGATGCC
ATGAAGCCTTGGCTCTTCAATATAAAGGCTCGCGCTTCTTCTTCCCCTGTGATTCTCGTTGGCAC
ACATTTGGATGTTTCTGATGAGAAGCAACGCAAAGCCTGCATGAGTAAATCACCAAGGAAGTCTG
CTGAATAAGCGAGGGTTCCCTGCCATACGAGATTACCACTTTGTGAATGCCACCGAGGAATCTG
ATGCTTTGGCAAACCTTCGGAAAACCATCATAAACGAGAGCCTTAATTTCAAGATCCGAGATCA
GCTTGTTGTTGGACAGCTGATTCCAGACTGCTATGTAGAACTTGAAAAAATCATTTTATCGGAGC
GTAAAAATGTGCCAATTGAATTTCCCGTAATTGACCGGAAACGATTATTACAAGTGTGAGAGAA
AATCAGCTGCAGTTAGATGAAAATGAGCTTCTCACGCAGTTCACCTTCTAAATGAATCAGGAGT
CCTTCTTCATTTTCAAGACCCAGCACTGCAGTTAAGTGACTTGTACTTTGTGGAACCCAAGTGGC
TTTGTAATAATCATGGCACAGATTTTGCAGTGAAAGTGGAAGGTTGTCCAAAACACCCTAAGGG
CATTATTTTCGCGTAGAGATGTGGAAAAATTTCTTTCAAAAAAAGGAAATTTCCAAAGAACTACA
TGACACAGTATTTTAAAGCTCCTAGAAAAATTCCAGATTGCTTTGCCAATAGGAGAAGAATATTTG
CTGGTTCCAAGCAGTTTGTCTGACCACAGGCCTGTGATAGAGCTTCCCCATTGTGAGAAGTCTGA
AATTATCATCCGACTATATGAAATGCCTTATTTTCCAATGGGATTTTGGTCAAGATTAATCAATCG
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AAATCCAGATCAACCAAGGCTCACCATTCCAATATCTCAGATTGCCCTGACTTGATTTTGGCTG
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CTAGGTGATGGCAGTTTTGGATCAGTTTACCGAGCAGCCTATGAAGGAGAAGAAGTGGCTGTGA
AGATTTTAAATAAACATACACTCAGGCTGTTAAGACAAGAGCTTGTGGTGCTTTGCCACCTC
CACCACCCAGTTTGATATCTTTGCTGGCAGCTGGGATTCGTCCCCGGATGTTGGTGATGGAGTT
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CAGCACAGGATTGACTCCACGTAGCTGATGGTTTGAAGATACCTCCACTCAGCCATGATTATATA
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AGATTGCTGACTACGGCATTGCTCAGTACTGCTGTAGAATGGGGATAAAAACATCAGAGGGCAC
ACCAGGGTTTCGTGCACCTGAAGTTGCCAGAGGAAATGTCATTTATAACCAACAGGCTGATGTTT
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AAATGTCAGTACTCCATTGATGTGTTTGAAGTGAATCCACAAATCAACGGAAAGAAATGTAATGT
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ACAAGAACAAGCCAAGTGTCTTATGCAGCTTTCAGTGATTCCAACATCATAACAGTGGTGGT
AGACACTGCTCTATATTGCTAAGCAAATAGCCCTGTTGTGGAAGTGTGGGATAAGAAAAC
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AGGAATCAAACACAAAATGTCTTATTCTGGGAGAGTGAAAACCTCTGCCTTCAGAAGAACAC
TGCTCTTTGGATAGGAACTGGAGGAGGCCATATTTTACTCCTGGATCTTCAACTCGTCTGACTTA
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AGATACAATCTTGCTTGACCGTTTGGGACATCAATCTTCCACATGAAGTGCAAAATTTAGAAAA
CACATTGAAGTGAGAAAAGAATTAGCTGAAAAAATGAGACGAACATCTGTTGAGAACCTGTATT
TTCAGGGCCACCATCACCATCACCATTAGCGGCCGC

Amino Acid Sequence:

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLQTS
MAIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRAYSKDFETLKVDLFLSKLPEMLKMFEDRL
CHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQG
WQATFGGGDHPKSDLEVLFGQPLGSLKKAVPYNRMKLMIVGNTGSGKTTLLQQLMKTKKSDLGM
QSATVVIDVDWPIQIRDKRDLVLNVWDFAGREEFYSTHPHMTQRALYLAVYDLSKGQAEVDA
MKPWL FN IKARASSPVILVGHLDVSDEKQRKACMSKITKELLNKRGFPAIRDYHFVNATEESDALA
KLRKTIINESLNFKIRDQLVVGQLIPDCYVELEKIILSERKNVPIEFPVIDRKRLQLVRENQLQDENEL
PHAVHFLNESGVLLHFQDPALQLSDLYFVEPKWLCKIMAQILTVKVEGCPKHPKGIISRRDVEKFLSK
KRKFPKNYMTQYFKLLEKFQIALPIGEEYLLVPSSLSDRPVIELPHCENSEIIIRLYEMPYFPMGFWSR
LINRLEISPYMLSGRERLRPNRMYWRQGIYLNWSPEAYCLVGSEVLDNHPESFLKITVPSCRKGC
LLGQVVDHIDSLMEWFPGLEIDICGEGETLLKKWALYSFNDGEEHQILLDDLMKKAEEGDLLVNP
DQPRLTIPISQIAPDLILADLPRNIMLNDELEFEQAPEFLLGDGSFSGSVYRAAYEGEEVAVKIFNKHTS
LRLLRQELVVLCHLHHPSLISLLAAGIRPRMLVMELASKGSLDRLLQQDKASLRTLQHRIALHVADG
LRYLHSAMIYRDLKPHNVLLFTLYPNAIIAKIADYGIAQYCCRMGIKTSEGTPGFRAPEVARGNVIYN
QQADVYSFGLLLYDILTGGRIVEGLKFPNEFDELEIQGKLPDPVKEYGCAPWPMVEKLIKQCLKENP
QERPTSAQVFDILNSAELVCLTRRILLPKNVIVECMVATHHNSRNASIWLGCGHTDRGQLSFLDLNTE
GYTSEEVADSRILCLALVHLPVEKESWIVSGTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNSFSK
QSKQKNFLLVGTADGKLAIFEDKTVKLGAAPLKILNIGNVSTPLMCLSESTNSTERNVMWGGCGTKI
FSFSNDFTIQKLIETRSQLFSYAAFSDSNITVVVDALYIAKQNSPVVEVWDKKTEKLCGLIDCVHFL

REVMVKENKESKHKMSYSGRVKTLCLQKNTALWIGTGGGHILLDLSTRRLIRVIYNFCNSVRVMMT
AQLGSLKNVMLVVLGYNRKNTEGTQKQKEIQSCLTVWDINLPHEVQNLEKHIEVRKELAEKMRRTSVE
NLYFQGHHHHH*

Comments:

All LRRK2 plasmids MUST be grown at 30°C or less to prevent recombination Contains SNP
S1647T

Price per aliquot:

£110.00



University
of Dundee